# Request for Bids RFB # 21– Site Remediation Charlotte Smith Property 881 Main Street Meddybemps, Maine

The Maine Department of Environmental Protection (Department) is requesting proposals from Pre-Qualified Environmental Consultants (Provider). The requested proposal is for various environmental services, including the abatement of asbestos containing material (ACM), the razing and proper disposal of the residence located on the site, the excavation and proper disposal of PCB and chlorinated solvent contaminated soils and concrete, removal and proper disposal of various solid and universal waste items from the site and residence located at the site, proper abandonment of monitoring wells, and regrading and seeding the site after all work had been completed. The site is referred to as the Charlotte Smith Property or C. Smith Property in Department records; located at 881 Main Street, Meddybemps, Maine; and is identified on the Division of Remediation's database as #REM00716 (Site). There are two buildings located on the Site. One is a single-story, ranch-style (25 feet by 40 feet) vacant residential building with a full poured concrete basement and the other is a gambrel-roofed garage. The garage structure will not be part of this bid; only the residential building will be. The Department put out a similar RFB for this site in March 2020 (RFB #2), but opted to pull the RFB, so the work was never completed.

Maps of the site, select associated reports, and well construction details are available via download from the Department's ftp site:

# https://www.maine.gov/dep/ftp/Site-Info-For-Bidders/C-Smith-Property/

# Background:

The Site has been the subject of numerous investigations and hundreds of containers of hazardous and other wastes have historically been removed. The resulting discharges of wastes, including PCBs and chlorinated solvents, have contaminated site soil, groundwater, and soil vapor. Depth to groundwater at the site is approximately 17 feet bgs. No waste characterization sampling typically required by landfills or other disposal facilities has been collected for site soils (e.g. TCLP, ignitability, etc.).

# Scope of Work:

All work shall be appropriately documented, and reports shall be generated as outlined in the tasks below. All activities requiring geologic and/or hydrogeologic interpretation shall be completed or overseen and approved by a Maine Licensed Geologist (L.G.). The L.G. approving the work must sign and stamp all final reports presenting these interpretations, as required by the Board of Licensure for Geologists and Soil Scientists.

All work involving the practice of professional engineering shall be performed by a Maine Licensed Professional Engineer (P.E.). All documents prepared by a P.E. shall be signed and stamped by the P.E. that has taken responsibility for the engineering work, as required by the Board of Licensure for Professional Engineers.

The laboratory selected for performing analytical analysis must be certified in Maine for the methods and analytes requested. Reporting limits for all analysis must be below applicable guidelines fort the Site; the Department must be notified in advance if this is not possible.

The Department will be responsible for obtaining site access from the property owner for the Provider to conduct the necessary tasks. The Provider will schedule activities at a mutually convenient time with the Site owners and Department.

Site workers must be OSHA HAZWOPER trained. Any stockpiled soils must be placed on and covered by a minimum of 6 mil polyethylene sheeting. Erosion control BMPs must be implemented during work.

The Provider will validate the analytical data generated for this project.

Validation fields in the EDD including the validation qualifier field and when appropriate the validation comment field shall be populated by the Provider prior to submittal to the Department. Reports presenting data must include a section describing data validation, data quality problems identified, and recommendations for data use.

Environmental Sampling results shall be submitted as an EDD in the format specified by the Department for uploading into the Departments Environmental and Groundwater Analytical Database (EGAD) as further detailed on the Department's website:

http://www.maine.gov/dep/maps-data/egad. This includes water level depth, water elevation, flow rates, final field parameter results, and laboratory analytical data. In cases of low flow groundwater sampling when stabilization has not been reached or is not required by the SOP, the last field parameters measured prior to sampling will be those submitted in the EDD. Chains of custody must be completed to mirror current EGAD information to insure compatibility of new data with historic data. All laboratory data submittals to EGAD must include the associated lab and field quality control (QC) sample results in the EDD. This will avoid a separate request for the QC results and will help avoid unnecessary QC questions from the Department, while demonstrating that proper QC measures were taken in the course of sampling and analysis. These include: field blanks, trip blanks, field duplicates, surrogates (in % recovery), lab control samples (in % recovery), and lab control sample duplicates (LCSD) if required by the analytical method (in % recovery) and matrix spike duplicates (in % recovery).

Final report submittals shall be submitted electronically in a single complete Adobe Acrobat .pdf file, including all attachments, figures, tables, etc.

The selected Provider will undertake the following services for the Department, <u>with all tasks to</u> <u>be completed no later than October 15, 2021</u>:

**Task 1.** Contact the Department Project Manager via email within two business days of being awarded the project to discuss schedule and to arrange for access to the Site.

**Task 2.** Pre-removal meeting. Provider will schedule and conduct an on-site pre-removal meeting with Department staff to discuss a plan of action for remediation of the Site.

**Task 3.** Coordinate with DigSafe and non-member utilities to mark site utilities. Prepare a site-specific health and safety plan.

**Task 4.** Mobilization and site preparation. Note that the unnamed dirt road directly to the east of the site may not be blocked during work, so that residents living further down that road have clear access.

**Task 5**. Removal of PCB contaminated soils. This area is approximately 90 square yards. Assuming an average excavation depth of 5 feet, the removal estimate is approximately 150 cubic yards of material (225 tons assuming 1.5 tons per cubic yard). This material will need to be properly removed and disposed of in an appropriately licensed landfill and the Provider is responsible for any waste characterization samples required by the accepting landfill. Based on prior sampling results, and for the purpose of bidding, the soil will not need to be managed as a hazardous waste. Post-removal confirmatory samples will be collected from the final excavation extents to document the condition of soils being left in place, with a goal of meeting residential cleanup guidelines. For bid purposes assume 5 excavation confirmation samples to be tested for PCBs in soil by EPA method 8082. On the bid form, the Contractor will provide unit rates for different ranges of material removed, which will form the basis for final payment. For bidding purposes, the contractor will provide a unit price for the Department's estimated amount of material to be removed. Actual payment for disposal will be based on verified scale house weigh slips provided to the Project Manager and the Provider's unit pricing. The total bid price is based on the total of all extended bid items. The lowest, responsive, responsible bidder is expected to be awarded the bid.

**Task 6.** Abatement of asbestos and removal/disposal of universal wastes, removal of the residence and its associated foundation, as well as scrap metal items located around to the Site. The single-story, ranch-style residence (25 feet by 40 feet) and foundation is to be torn down and disposed of appropriately. The concrete walls can either be broken up and used as backfill on site or can be disposed of at a licensed facility as non-hazardous solid waste. <u>The concrete floor must be disposed of as hazardous waste at a licensed facility.</u> The basement of the residence is approximately 10-12 feet BGS, meaning that the concrete walls are approximately 12 feet tall and both the walls and concrete floor are anticipated to be rebar reinforced and up to one foot thick. Estimated quantities of asbestos and universal waste are available in a report on the ftp site (note that the oil tank mentioned in that report is empty and can be disposed of as scrap).

Task 7. Removal and disposal of chlorinated solvent contaminated soils and disposal of the residence's concrete slab. The Department estimates there is approximately 112.5 tons (75 yd<sup>3</sup> @ 1.5 ton/yd<sup>3</sup>) of chlorinated solvent contaminated soil located below the house foundation, that will have to be excavated and disposed of properly. The Department estimates that the concrete slab weighs approximately 75 tons (37 yd<sup>3</sup> @ 2 tons/yd<sup>3</sup>). Both the concrete slab and soil must be disposed of as hazardous waste at an appropriately licensed facility. The provider will utilize a PID to field screen soils being excavated, using standard bag head-space techniques. Post-removal confirmatory samples will be collected from the final excavation extents to document the success of the removal efforts, with a goal of meeting excavation/construction worker cleanup guidelines prior to backfilling. For bid purposes assume 5 samples to be tested for VOCs in soil. On the bid form, the Contractor will provide unit rates for different ranges of material removed, which will form the basis for final payment. For bidding purposes, the contractor will provide a unit price for the Department's estimated amount of material to be removed. Actual payment for disposal will be based on verified scale house weigh slips provided to the Project Manager and the Provider's unit pricing. The Total bid price is based on the total of all extended bid items. The lowest, responsive, responsible bidder is expected to be awarded the bid.

**Task 8**. Proper abandonment of four monitoring wells at the site. The monitoring wells are to be abandoned following the protocol outlined in the "Guidance for Well and Boring Abandonment", dated January 7, 2009, produced by the Department's Division of Technical Services. A copy of this guidance can be found on the Internet at:

# https://www.maine.gov/dep/spills/publications/guidance/documents/dep\_well\_abandonme ntguidance.pdf

The well abandonment will be overseen by an environmental professional with experience with well abandonment. Final work to assure wells have been abandoned appropriately will be reviewed and approved by a L.G. Note that the onsite drilled residential well will not be abandoned at this time.

**Task 9**. Restoration of the Site. The selected provider shall return the Site to existing conditions. Excavated areas must be backfilled with clean compacted gravel followed by 6 inches of topsoil. The Site shall be graded flat and voided of ruts and excavation depressions to avoid erosion issues. All areas of disturbed soil must be seeded and mulched. Proper erosion and sedimentation control practices must be implemented throughout the project.

**Task 10**. Provider must provide the Department with a draft written report within 3 weeks of completion of the project. The report shall include copies of the well abandonment logs, as well as a description and summarization of the Providers work, photographs of the work completed, and description of the Site upon completion of the excavation. The Department will provide comments on the draft report and the Provider will incorporate those comments and finalize the report within 2 weeks receipt of comments. The provider will submit one (1) complete electronic copy (PDF) version of the finalized report.

# Additional Tasks and Work Orders:

The selected bidder will be held to the rate provided in its bid based on 100% cost. Any additions or deletions to the above tasks that the Department determines are necessary due to encountering field conditions that could not have been anticipated will be made by the Department Project Manager for the site in the form of written change orders.

While the Department anticipates that the above tasks are sufficient to accomplish this project, minor additional work may be necessary to prepare for future site work, or complete an activity deemed necessary by the Department that was not included in the Provider's bid. Any subsequent minor additions to the tasks above will be made by the Department Project Manager for the Project in the form of written change orders.

The selected bidder will be held to the rates provided in its bid. Adjustments to the bid amount due to change orders will be made on a time and materials basis, based on the contract rates supplied by the Provider in its initial response to the Request For Proposal #201905093.

# **Bid Schedule:**

 A mandatory pre-bid walkthrough will be scheduled on June 15, 2021 from 10:00am – 12:00pm. <u>The pre-bid walkthrough is only mandatory for Providers who did not</u> <u>previously attend the 2/25/2020 pre bid site walk for the project</u>. You are required to contact Nick Mayhew, the project manager, directly at: <u>Nicholas.Mayhew@maine.gov</u> <u>at</u> <u>least 24 hours prior</u> to the scheduled site walk, if you plan on attending.

- Questions Submit any questions on this solicitation in by email to Laura Sheehan (mail to: Laura.G.Sheehan@maine.gov) by 5 P.M on June 17<sup>th</sup>, 2021. Answers to questions received on time will be provided to all qualified potential bidders by 5 P.M on June 21<sup>st</sup>, 2021.
- 3. Due date Bidders must submit electronic copies of their bids by e-mail to: <u>Laura.G.Sheehan@maine.gov</u> by 5:00 PM on July 2, 2021
- 4. Bid Selection The Department anticipates selecting and notifying the winning bidder by July 6, 2021. All bidders will be informed by email.

# **Bid Requirements:**

All bids must include the following:

 Bid Form - Submittals must be completed using the attached Bid Submittal Summary Form, RFB #21– Site Remediation Charlotte Smith Property, 881 Main Street Meddybemps, Maine, including and required attachments specified in that form. Any alteration to the form may be cause for the Department to reject the bid, at the Department's sole discretion.

#### **Bid Evaluation:**

Bids will be reviewed by the Department and will be scored based on a matrix of 100% cost and availability. The bidder must have a State approved, Pre-Qualified Environmental Consultant contract in place by 5 P.M. on July 2, 2021. The Department will contact bidders for clarification if questions regarding the bids ability to meet the requirements of the Scope of Work arise during review. However, bidders will not be allowed to alter, change or resubmit their bid. If it is determined that the bid does not meet the minimum requirements as outlined in the Scope of Work, the bid will not be evaluated. The selected bidder will be held to their cost.

# RFB #21– Site Remediation Charlotte Smith Property, 881 Main Street Meddybemps, Maine

**Bid Due Date: July 2, 2021** 

Bidders Name:				
Contact Person Name:				
Bidders Address:				
Phone Number:				
E-mail Address:				

Answer (Yes or no)	Question				
	Will you be able to provide all resources to conduct the tasks assigned to the Provider in the scope of work?				
	Will you have a Pre-Qualified Environmental Consultant contract that has been approved by the Maine Department of Administrative and Financial Service's Division of Purchases by <b>5:00 PM on July 2, 2021</b>				
	Did you completely fill out the unit price and cost tables below, related to soil and concrete disposal costs?				
	Did a representative of your company attend either the prior bid site walk previously held either on February 25, 2020 or the more recent June 25, 2021 site walk?				
	Did you provide the <b>required attachments</b> listed below (project team and schedule)?				

Bid Review Criteria: Based 100% on Cost

Cost Bid for completion of Tasks 1 - 10, as outlined in the RFB: \$\_\_\_\_\_

Required Attachments:

Attachment - Project Team, including subcontractors

Attachment - Provide a schedule for completing Tasks 1 - 10.

You must complete the following table as part of your bid submittal:

Item Quantity	Unit	Unit Price	Est. Quantity	Total Cost
Total				
Chlorinated				
Solvent				
Impacted Soils				
(Hazardous				
Waste)				
Soil Removal &	Tons		112.5	
Disposal (0-75				
yd <sup>3</sup> or 112.5				
tons @ 1.5				
ton/ yd <sup>3</sup> )				
Soil Removal &	Tons		0	
Disposal				
(>112.5 tons)				
Concrete Slab	Tons		75	
Removal &				
Disposal (75				
tons)				
Concrete Slab	Tons		0	
Removal &				
Disposal (>75				
tons)				

Item Quantity Total PCB Soils	Unit	Unit Price	Est. Quantity	Total Cost
(non-				
hazardous				
special waste)				
Soil Removal &	Tons		225	
Disposal (0-135				
tons)				
Soil Removal &	Tons		0	
Disposal (>135				
tons)				

Signature: \_\_\_\_\_

Printed name, title: \_\_\_\_\_ Date: \_\_\_\_\_